

Converting Colors

XYZ(64.5494, 65.3280, 43.8559)

Have a look what the booklet for
XYZ(64.5494, 65.3280, 43.8559)
contains.

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Color

**XYZ(64.6173, 65.3122,
43.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEA3
RGB	240, 206, 163
RGB Percent	94%, 81%, 64%
CMY	0.0588, 0.1921, 0.3608
CMYK	0.00, 0.14, 0.32, 0.06
HSL	34°, 72%, 79%
HSV	34°, 32%, 94%
XYZ	64.6173, 65.3122, 43.8511
YIQ	211.2640, 34.0670, -6.1650

Conversions

Conversions Part 2

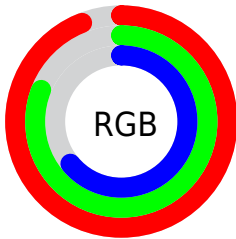
Format	Color
RYB	224, 240, 163
Decimal	15781539
CIELab	84.64, 5.84, 25.83
CIElCh	85, 26.480, 77.264
Yxy	65.3122, 0.3718, 0.3758
Android (android.graphics.Color)	4293971619 (0xFFFF0CEA3)
YUV	211.2640, -23.7942, 25.2015
Hunter-Lab	80.8160, 1.2937, 24.4002

Details

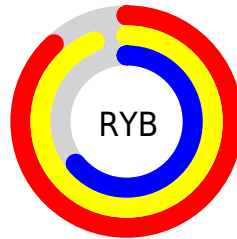
The XYZ color **64.6173, 65.3122, 43.8511** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7981, 54.0085, 90.1855**, and the grayscale version is **62.2294, 65.4702, 71.2971**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **33.6259, 33.6714, 19.7659** is the 20% darker color. If you saturate the color by 10%, you get **60.2027, 59.6037, 32.7584**, and if you desaturate by 10%, it is **69.6154, 71.5339, 57.1530**.

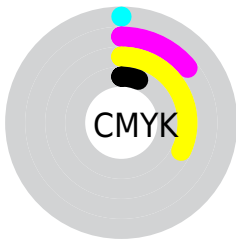
Distribution



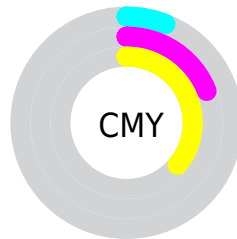
- Red (94%)
- Green (81%)
- Blue (64%)



- Red (88%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6173, 65.3122, 43.8511 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.6173, 65.3122, 43.8511 by changing the saturation by 10% instead.

 64.6173, 65.3122,
43.8511


 64.6173, 65.3122,
43.8511


430.9824,
443.9130, 378.1239

 47.4144, 47.7143,
30.2171


 110.5682,
112.4986, 82.2937

 33.5727, 33.6007,
19.7500


 140.0470,
142.8558, 107.9395

 22.7268, 22.5870,
12.0312


174.3484,
178.2350, 138.4262

 14.5115, 14.2888,
6.6421

213.8377,
219.0204, 174.1725

 8.5614, 8.3218,
3.1643

258.8805,
265.5966, 215.5969

 4.5110, 4.3016,
1.1791

309.8419,

 1.9951, 1.8436,

318.3478, 263.1178

0.0000

367.0875,
377.6585, 317.1540

■ 0.6312, 0.5142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6173, 65.3122,
43.8511

■ 64.6173, 65.3122,
43.8511

■ 60.2027, 59.6037,
32.7584

■ 69.6154, 71.5339,
57.1530

■ 56.3400, 54.3835,
23.7478

■ 75.2164, 78.2748,
72.7734

■ 53.0020, 49.6374,
16.6854

■ 81.4452, 85.5523,
90.8192

■ 50.1565, 45.3467,
11.4197

■ 87.6724, 93.1196,
107.9608

■ 47.7670, 41.4911,
7.7767

■ 89.7452, 97.2653,
108.6517

■ 45.7901, 38.0470,
5.5466

■ 44.4662, 35.5872,
4.5254

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1156, 65.3122, 49.7821



64.6173, 65.3122, 43.8511



58.7645, 65.3122, 44.3351

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6173, 65.3122, 43.8511



51.8423, 65.3122, 81.2196



70.8065, 65.3122, 95.5740

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.6173, 65.3122, 43.8511



50.7981, 54.0085, 90.1855

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5123, 65.3122, 106.9536



64.6173, 65.3122, 43.8511



54.6781, 65.3122, 97.8059

Square

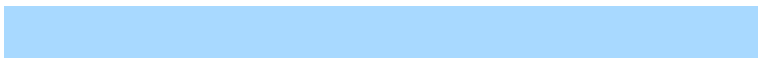
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6173, 65.3122, 43.8511



51.6365, 65.3122, 64.1753



59.6047, 65.3122, 107.8298



73.8384, 65.3122, 78.5354

Rectangle

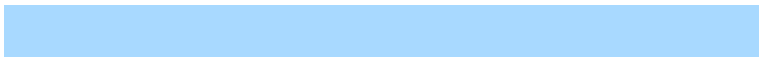
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6173, 65.3122, 43.8511



55.4457, 65.3122, 48.2234



59.6047, 65.3122, 107.8298



69.2177, 65.3122, 100.2978

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.6190, 65.3152, 43.8524



87.7259, 91.4913, 87.5312



59.1855, 48.7814, 59.5116



18.5693, 19.3377, 18.1415



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6190, 65.3152, 43.8524



71.0186, 70.9289, 42.3405



72.4131, 82.8232, 46.8210



16.5051, 17.2233, 16.6042



24.4763, 19.7507, 2.5222



2.1352, 1.8411, 0.2428

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.7981, 54.0085, 90.1855



53.0290, 56.2168, 102.6637



44.7307, 40.6856, 87.9337



15.4716, 16.3773, 20.0673



11.5566, 9.3373, 46.3211



1.0589, 0.9719, 3.8860

Previews

White Background



This preview shows how the XYZ color 64.6173, 65.3122, 43.8511 looks on a white background.

Color Contrast Check

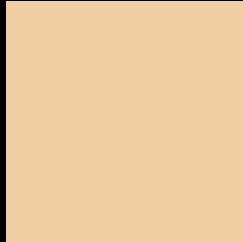
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 64.6173, 65.3122, 43.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6173, 65.3122, 43.8511

Background



This preview shows how black text looks on a background with the XYZ color 64.6173, 65.3122, 43.8511.



This preview shows how white text looks on a background with the XYZ color 64.6173, 65.3122,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.6173, 65.3122, 43.8511

Protanopia

61.1371, 65.3127, 44.9816

Deuteranopia

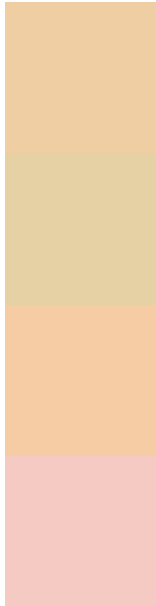
66.7682, 65.3487, 44.2165



Tritanopia

70.5671, 65.2947, 72.5022

Trichromacy



Original Color

64.6173, 65.3122, 43.8511

Protanomaly

62.1344, 65.1043, 44.4135

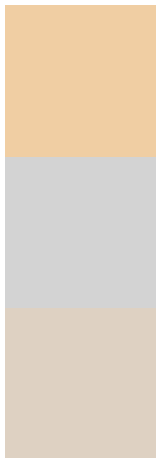
Deuteranomaly

65.9499, 65.2785, 44.2460

Tritanomaly

68.2791, 65.4143, 60.6573

Monochromacy



Original Color

64.6173, 65.3122, 43.8511

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6623, 65.0256, 60.2875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6173, 65.3122, 43.8511 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 206, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 206, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 163) }
```

Border

The CSS property to change the border of an element to XYZ 64.6173, 65.3122, 43.8511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 206, 163) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 206, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 206, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6173, 65.3122, 43.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
206, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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